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(54) **STRUCTURE AND METHOD FOR COUPLING WHEEL BEARINGS**

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See application file for complete search history.

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(57) **ABSTRACT**

The present invention relates to a structure and a method for coupling a wheel bearing that include a wheel hub for mounting a vehicle wheel, a hollow inner ring press-fitted into an end portion of the wheel hub, an annular outer ring disposed at a radial exterior of the wheel hub and the inner ring, and rolling elements disposed between the wheel hub or the inner ring and the outer ring, wherein the wheel hub and the inner ring are splined to each other and the inner ring and the joint member are coupled through facial spline. According to the present invention, driving torque of a constant velocity joint may be stably delivered to the wheel hub and noise may be reduced.

15 Claims, 13 Drawing Sheets

